

BACA PROJECT
DATA AND REPORTS

WELLS

<u>No.</u>	<u>Transfer Date</u>	<u>Release Date</u>	<u>Title</u>
1.	A	A	Summary sheet for Baca Wells No's 1-3.
2.	A	A	Baca Wells No's 4-16 summary sheet.
3.	A	A	Well summary reports and Drilling Histories-- Baca Wells No's 4-16.
4.	B	B	Lithology logs--Baca Wells No's 4-16.
5.	A	A	Temperature and Pressure Surveys--Baca Wells No's 4-8 and 10-16.
	B	B	Electric logs for Baca Wells No's 10-14.

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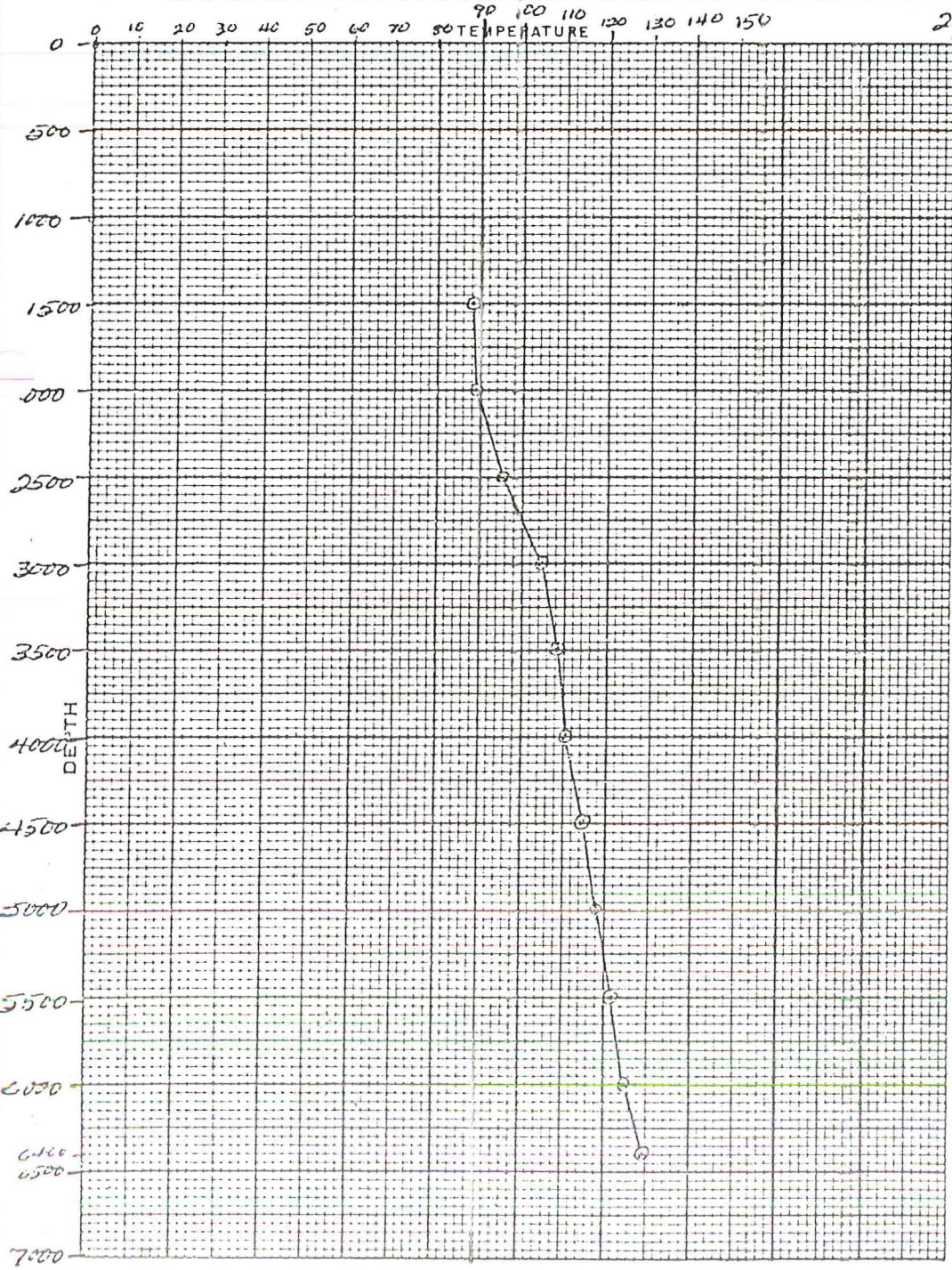
G. THERMAL DIVISION SUBSURFACE TEMPERATURE SURVEY

B5-S13-T

OWNER UNION OIL OF CALIF FIELD VALLE GRANDE WELL NAME BACA #5
 CASING _____ ELEV 9289.5 DATE 9/4/74
 LINER DESCRIPTION: _____ ZERO POINT GLT10'
 _____ DEPTH 6400'

HOLE DESCRIPTION: _____ INSTRUMENT 88-698 FA: _____
 _____ SERIAL NO 10055

PURPOSE INJECTION SURVEY. MAX TEMP 129.3 °F @ 6400
 REMARKS: _____



PRESSURES.	GAUGE	ROMB
CASING. PSI		
DEPTH	TEMP.	DEPTH
0	0	
500	0	
1000	0	
1500	88	
2000	89	
2500	95.6	
3000	104.7	
3500	105.2	
4000	110.8	
4500	114.7	
5000	118.3	
5500	125.9	
6000	124.7	
6400	129.3	

BY: J-M.

76

GEOTHERMAL DIVISION

SUBSURFACE PRESSURE SURVEY

B5-S13-PRESS

OWNER UNION OIL OF CALIF FIELD VALLE GRANDE WELL NAME BACA # 5
 CASING _____ ELEV 9289.5 DATE 9/4/74
 LINER DESCRIPTION: _____ ZERO POINT GL+10'
 _____ DEPTH 6400'

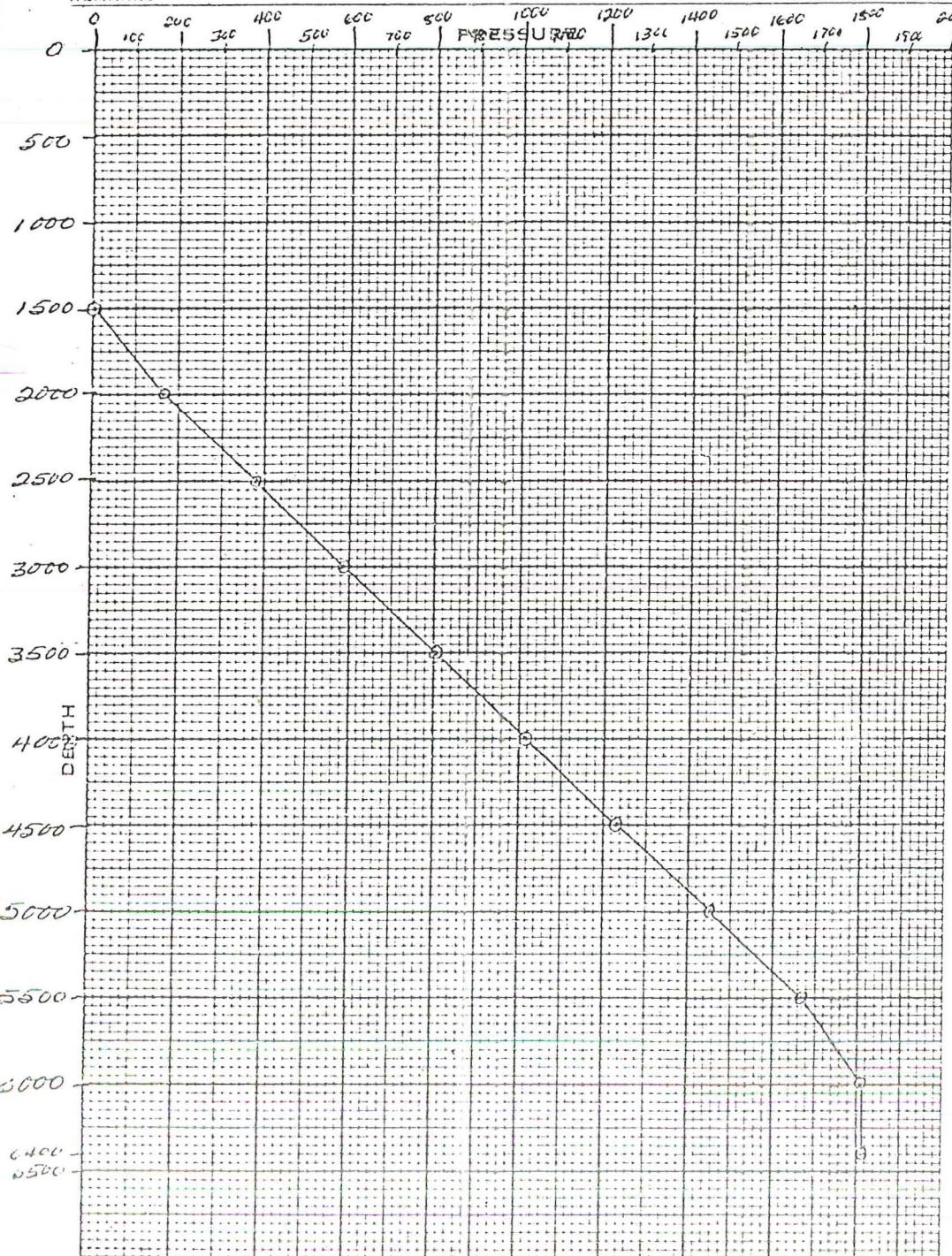
HOLE DESCRIPTION: _____

INSTRUMENT 0-2950 PS
 SERIAL NO 9235

PURPOSE INJECTION SURVEY

MAX TEMP 129.3 °F @ 6400

REMARKS: _____



STABILIZATION PERIOD _____

PRESSURES	GAUGE	BOMB
CASING, PSI	VAC	0

DEPTH	PRESSURE	GRADIENT
0	0	0
500	0	0
1000	0	0
1500	16	0
2000	160.4	.318
2500	380.1	.439
3000	583.3	.406
3500	803.6	.441
4000	1019.2	.431
4500	1233.0	.428
5000	1455.8	.446
5500	1665.7	.420
6000	1803.3	.275
6400	1806.2	.007

BY: J.M.

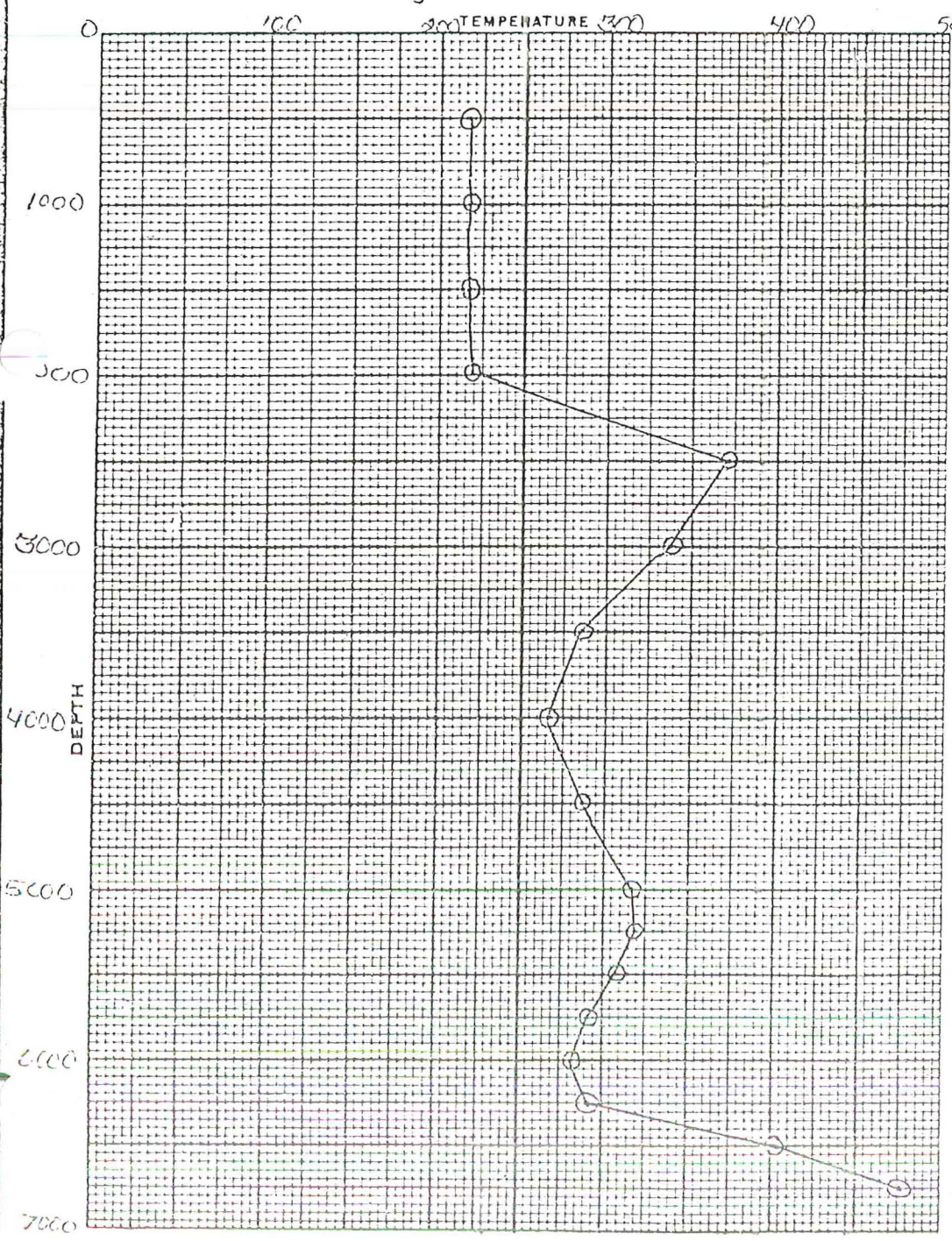
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GLO THERMAL DIVISION SUBSURFACE TEMPERATURE SURVEY

B5-54-PT

OWNER Union Oil Company FIELD _____ WELL NAME BACA No. 5
 CASING _____ ELEV 9320 GA DATE 3/7/74
 LINER DESCRIPTION: _____ ZERO POINT 61.4
 _____ DEPTH 6800 Survey
 HOLE DESCRIPTION: _____ INSTRUMENT _____ FAHF
 _____ SERIAL NO 10052

PURPOSE Temp and Pressure Gradient MAX TEMP 475.6 °F @ 6800'
 REMARKS: WHP 8 psig



STABILIZATION PERIOD

PRESSURES	GAUGE	BOMB	
CASING PSI			
DEPTH	TEMP.	DEPTH	TEMP.
0	0		
500	217.4		
1000	218.9		
1500	218.6		
2000	219.3		
2500	372.8		
3000	339.8		
3500	286.9		
4000	267.9		
4500	287.5		
5000	316.1		
5250	319.1		
5500	309.7		
5750	291.1		
6000	283.7		
6250	291.1		
6500	406.2		
6800	475.6		

BY: J.K.

76

G. THERMAL DIVISION SUBSURFACE PRESSURE SURVEY

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B-5-54-PT

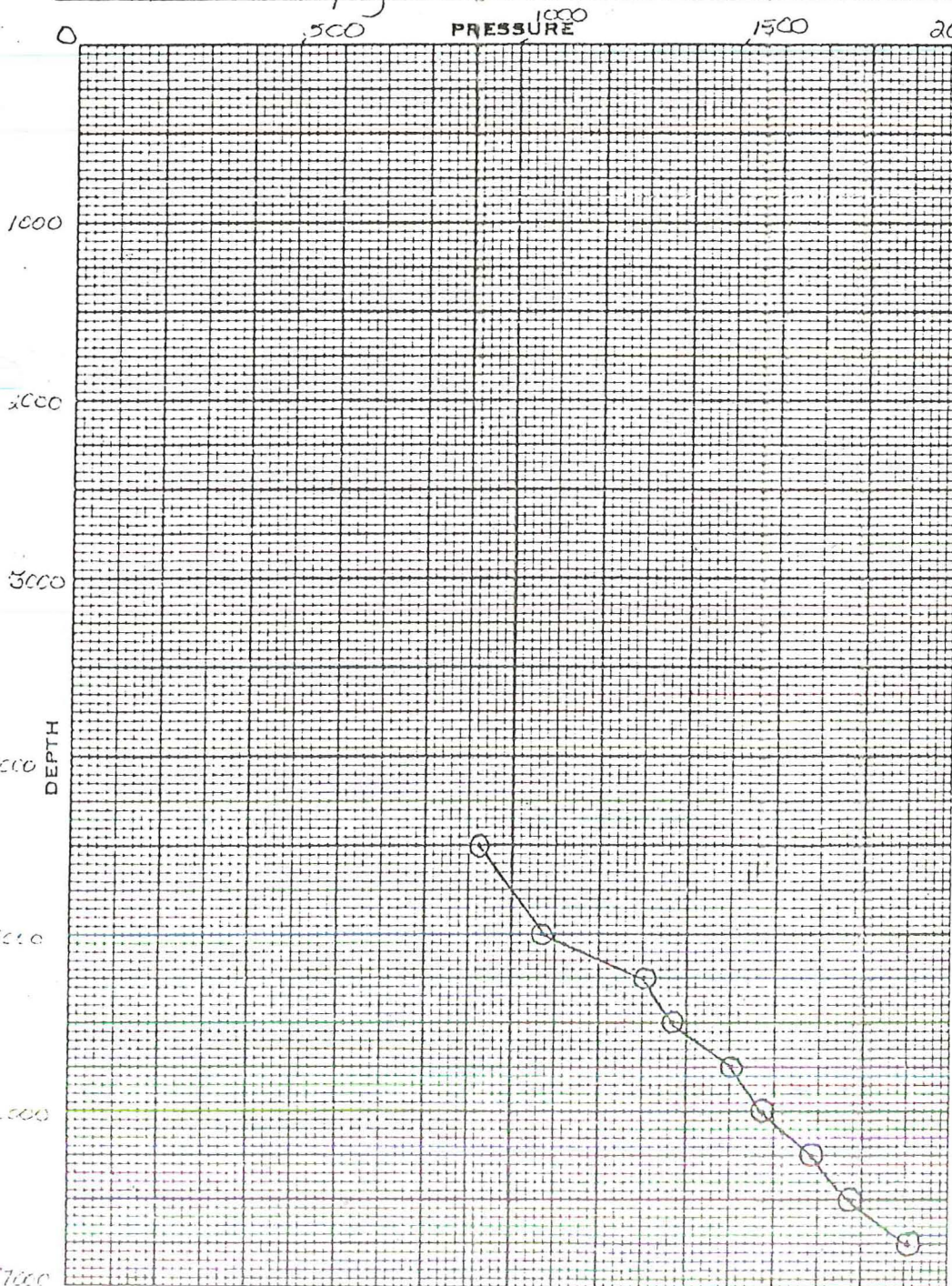
OWNER Union Oil Company FIELD _____ WELL NAME Baca No 5
CASING _____ ELEV 9320 GL DATE 3/7/74
LINER DESCRIPTION: _____ ZERO POINT GL + 4
DEPTH 6500 Survey

HOLE DESCRIPTION: _____ INSTRUMENT _____ PSIG
SERIAL NO 4250

PURPOSE Temp and Pressure Gradient MAX TEMP 475.6 °F @ 6800'

REMARKS: WHP 8 psig

STABILIZATION PERIOD _____



PRESSURES	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESSURE	GRADIENT
0	0	
4500	921.94	
5000	1074.15	
5250	1300.85	
5500	1375.00	
5750	1504.24	
6000	1578.39	
6250	1652.20	
6500	1777.54	
6800	1902.54	

BY: _____

UNION

GEOHERMAL DIVISION

BS-310PT

SUBSURFACE PRESSURE SURVEY

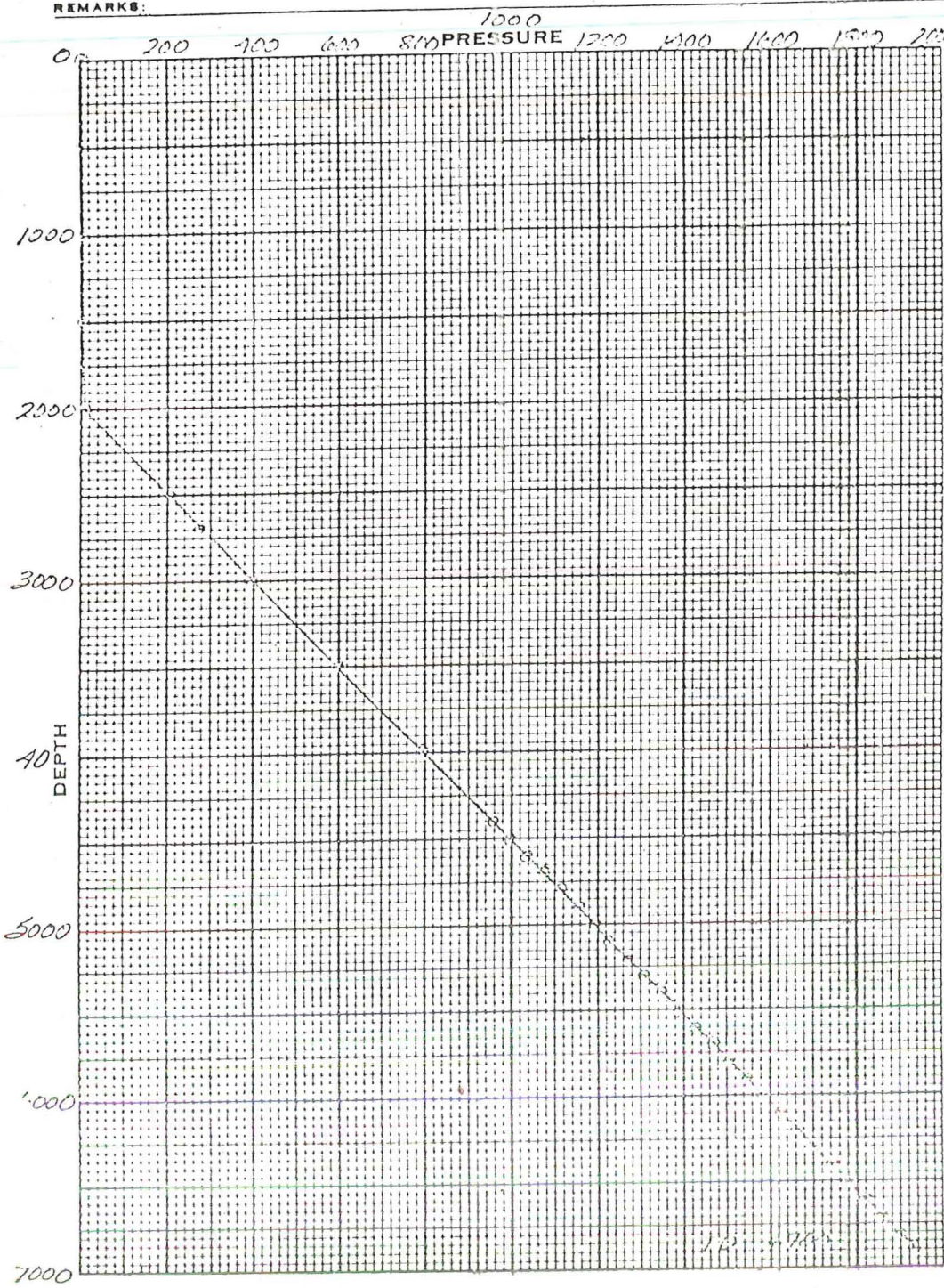
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OWNER Union Oil Co of Calif FIELD Redondo Valley WELL NAME BACA #5
 CABING _____ ELEV. 9320 ft DATE 8-5-73
 LINER DESCRIPTION: 9-5/8" LINER FROM 2692' to 4400' ZERO POINT 14' Above GL
 DEPTH 6973

HOLE DESCRIPTION: _____ INSTRUMENT 2500 PSI
 SERIAL NO KPG 9595

PURPOSE STATIC SURVEY MAX TEMP 182.9 °F @ 6900

REMARKS: _____ STABILIZATION PERIOD
Approx. 1000 Bbls H₂O INJ. prior to survey



PRESSURES.	GAUGE	BOMB
CASING. PSI		
DEPTH	PRESSURE	GRADIENT
0	2.6	—
500	2.6	—
1000	2.6	—
1500	2.6	—
2000	12.9	.021
2500	200.5	.375
2692	275.1	.389
3000	395.9	.392
3500	595.5	.405
4000	798.0	.399
4400	955.8	.395
4500	993.7	.379
4600	1035.4	.417
4700	1074.7	.393
4800	1113.9	.392
4900	1153.2	.393
5000	1192.4	.392
5200	1270.9	.392
5400	1349.4	.392
5600	1426.6	.386
5800	1503.8	.384
6000	1580.4	.383
6200	1659.6	.396
6400	1738.0	.402
6600	1817.3	.389
6800	1892.0	.371
6973	1926.1	.351

BY C. J. JAMES

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GEOHERMAL DIVISION

B5-310PT

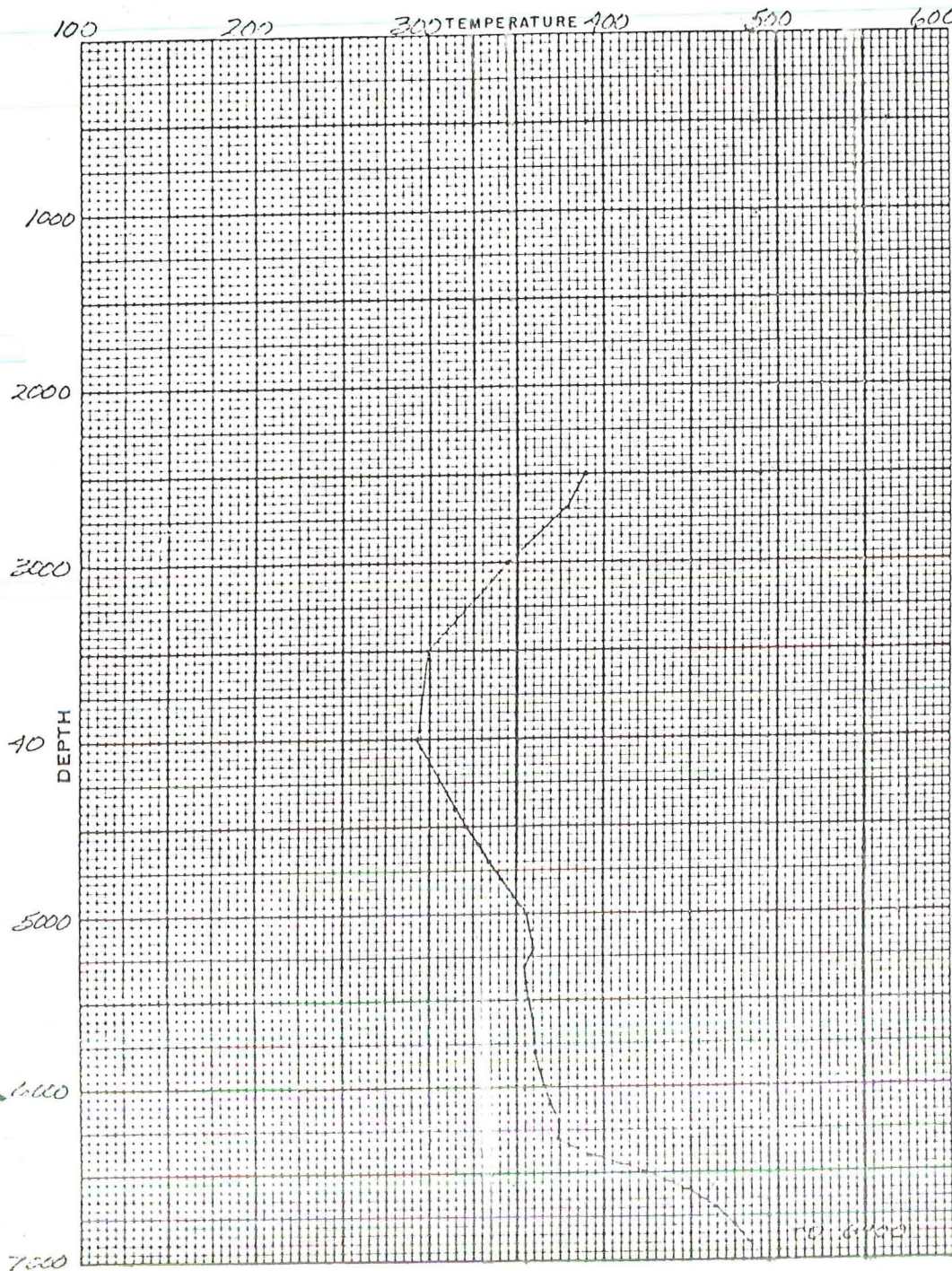
SUBSURFACE TEMPERATURE SURVEY

OWNER UNION OIL CO of CALIF. FIELD Redondo Valley WELL NAME BACA #5
 CASING _____ ELEV 9320.66 DATE: 8-5-73
 LINER DESCRIPTION: 9-5/8" LINER FROM 2692 TO 1900 ZERO POINT 19' ABOVE G.L.
 DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 300-736 FAH
 SERIAL NO KTB-10036

PURPOSE STATIC TEMPERATURE AND PRESSURE SURVEY MAX TEMP 482.9 °F @ 6900
 REMARKS: _____

STABILIZATION PERIOD
Approx. 1000 Bbls H₂O
INJ. PRIOR TO SURVEY



PRESSURES.	GAUGE	BOMB	
CASING. PSI			
DEPTH	TEMP.	DEPTH	TEMP.
0	-	6600	745.
500	-	6700	763.
1000	-	6800	774.
1500	-	6900	782.
2000	-		
2692	389.6		
2692	379.6		
2000	371.7		
3500	295.0		
4000	293.0		
4400	310.6		
4500	321.5		
4600	327.9		
4700	334.0		
4800	341.3		
4900	348.9		
5000	357.3		
5100	359.7		
5200	359.5		
5300	355.3		
5400	350.2		
5500	357.6		
5600	359.2		
5700	359.9		
5800	361.2		
5900	361.7		
6000	362.7		
6100	363.8		
6200	371.0		
6300	373.9		
6400	391.5		
6500	423.6		

BY: C. JUNKER

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UNION

GEO THERMAL DIVISION

SUBSURFACE SURVEY
Field Work Sheet

B#5-S11-P/T

OWNER UNION OIL CO CALIF FIELD VALLE GRANDE WELL NAME B#5-S11-P/T
 CASING 20" @ 0.76' 13.34' @ 0.2525' ELEV. 9239.5' DATE: 6/24/72
 LINER DESCRIPTION: 9 7/8" @ 0.692' - 4.100' ZERO POINT 0.6410'
 OPEN HOLE FROM 4.100' - 5865' DEPTH 5865'

TUBING DETAIL:

PURPOSE

REMARKS:

P-C-2455 P-310 - 9235 12 1/2 15

ELEMENT - T-50-01007 SERIAL NO. 10055 CLOCK 12 1/2 15 TURN STABILIZATION PERIOD

ENGAGE STYLUS P-C-955 T-C-952 DISENGAGE STYLUS P-1467 T-1405

WELL HEAD 17-

PICKUP @ 5865' TIME ON BOTTOM 1239-1259 MAX. °F

WELL STATUS SHUT IN

SHUT IN: ON PRODUCTION:

RATE

PSIG						TEMP											
TIM	DEPTH	DEFL	P-T	GRAD.	ID	TIM	DEPTH	DEFL.	P-T	GRAD.	ID	TIM	DEPTH	DEFL.	P-T	GRAD.	ID
11	100	.010	17	-	0	1137	100	.072	16.5								
1147	100	.010	17	-	0	1149	100	.069	139								
1251	2000	.011	19	.002	0	1261	2000	.067	311								
1213	3000	.025	297	.375	-0.05	1213	3000	.066	254								
1225	4000	.037	216	.413	0	1225	4000	.050	251								
1237	5000	.061	1216	.450	+0.05	1237	5000	.052	326								
1259	5865	.1034	1555	.395	+0.16	1259	5865	.082	320								

COMMENTS:

BY:

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GEOHERMAL DIVISION

SUBSURFACE TEMPERATURE SURVEY

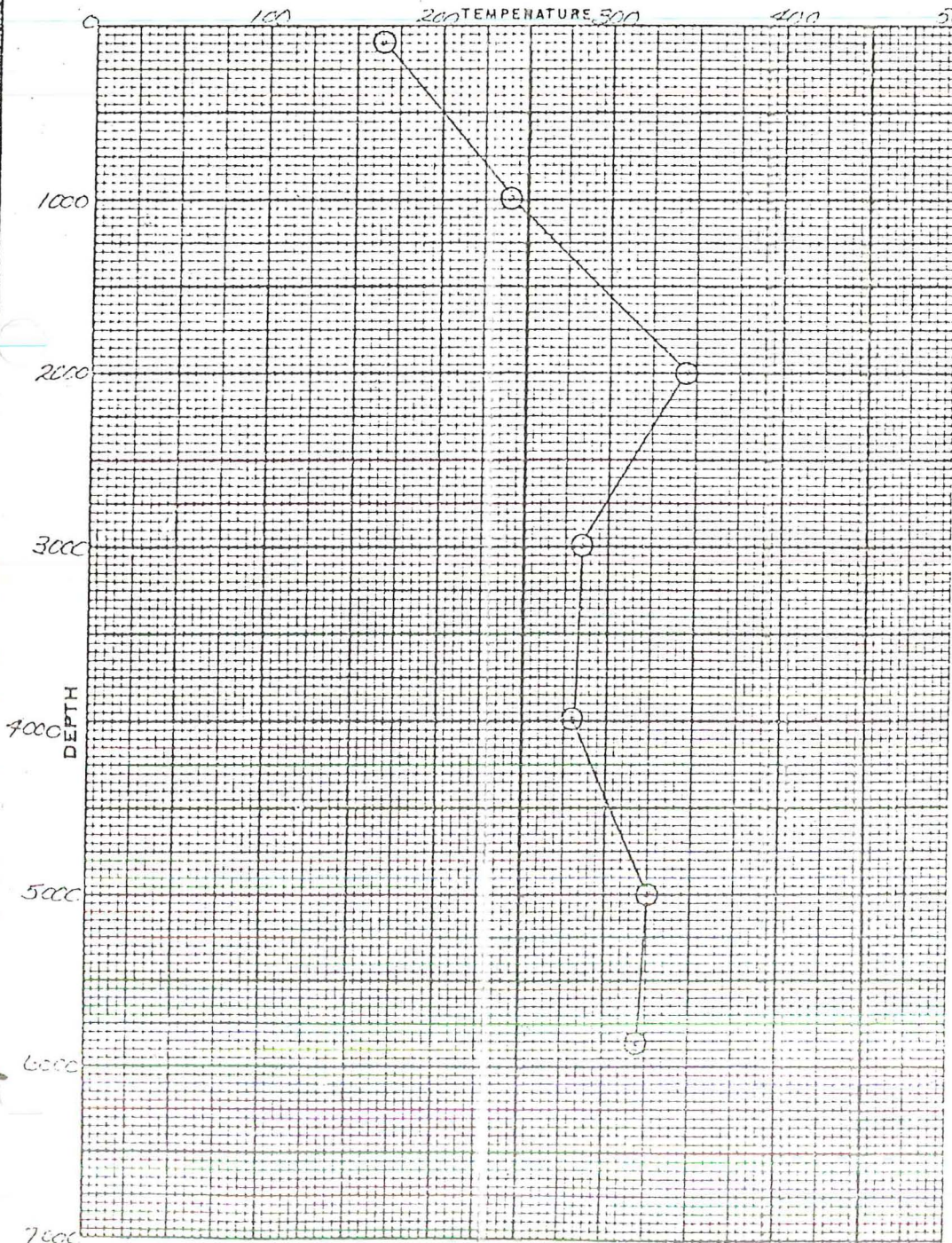
B5-S14-PT

OWNER _____ FIELD Valle Grande WELL NAME BACA #5
 CASING _____ ELEV 9289.5' DATE 6/24/76
 LINER DESCRIPTION: _____ ZERO POINT GL +10'
 _____ DEPTH 5865'

HOLE DESCRIPTION: _____ INSTRUMENT _____ FAHP _____
 SERIAL NO 12055

PURPOSE _____ MAX TEMP 344 °F @ 2000'
 REMARKS: _____

STABILIZATION PERIOD



PRESSURES	GAUGE	BOMB
CASING, PSI		

DEPTH	TEMP.	DEPTH	TEMP.
100	165		
1000	239		
2000	344		
3000	284		
4000	281		
5000	326		
5865	320		

BY:

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GEO THERMAL DIVISION

SUBSURFACE PRESSURE SURVEY

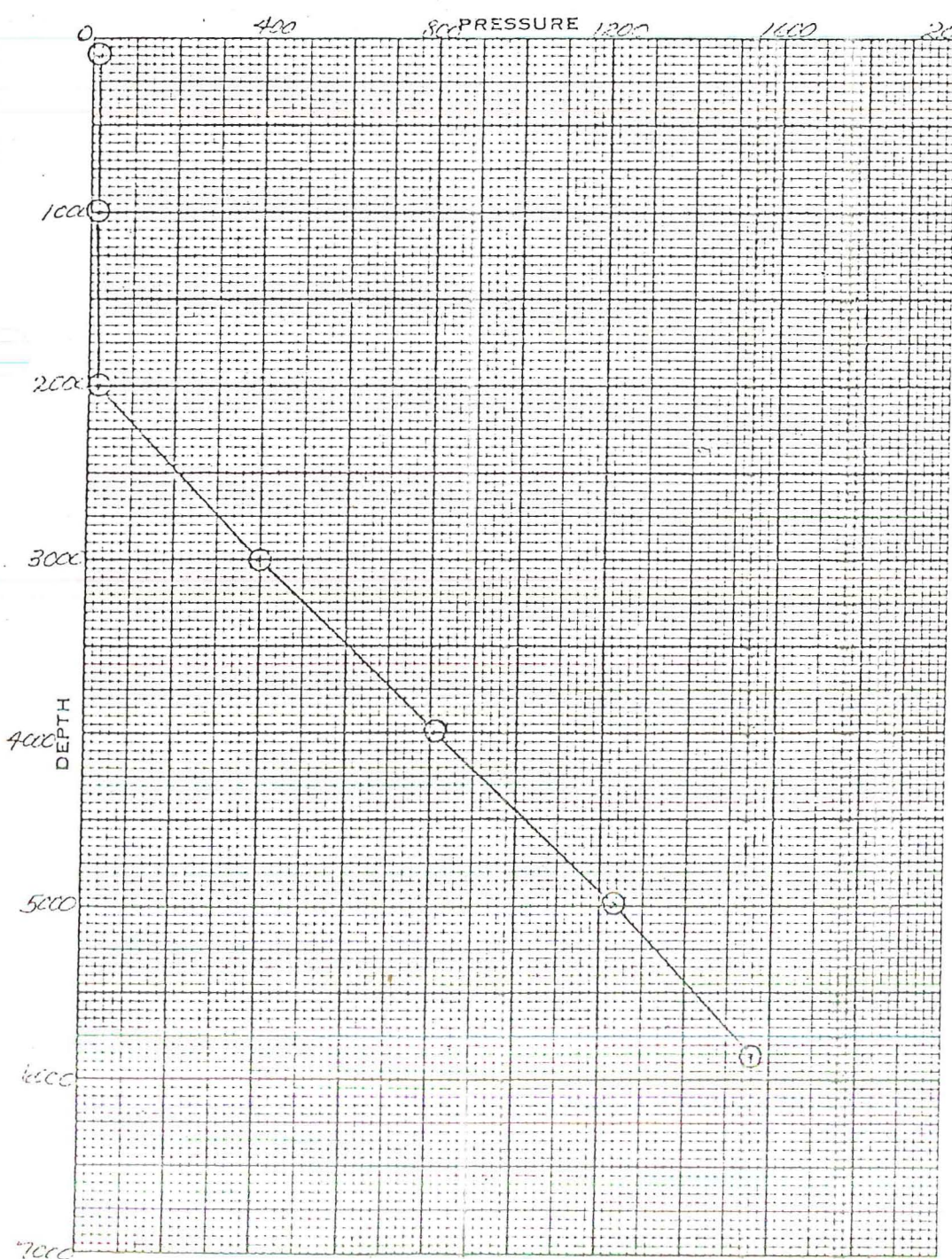
B5-S14-PT

OWNER _____ FIELD Valle Grande WELL NAME BALP #5
 CASING _____ ELEV 9289.5' DATE 6/24/76
 LINER DESCRIPTION: _____ ZERO POINT GL +10'
 _____ DEPTH 5865'

HOLE DESCRIPTION: _____ INSTRUMENT _____ PSI
 _____ SERIAL NO 9235

PURPOSE _____ MAX TEMP 344 °F @ 2000'

REMARKS: _____



STABILIZATION PERIOD _____

PRESSURES	GAUGE	BOMB
CASING PSI		

DEPTH	PRESSURE	GRADIENT
1000	17	
2000	19	
3000	397	
4000	810	
5000	1216	
5865	1558	

BY: _____

WILSON

GEO THERMAL DIVISION

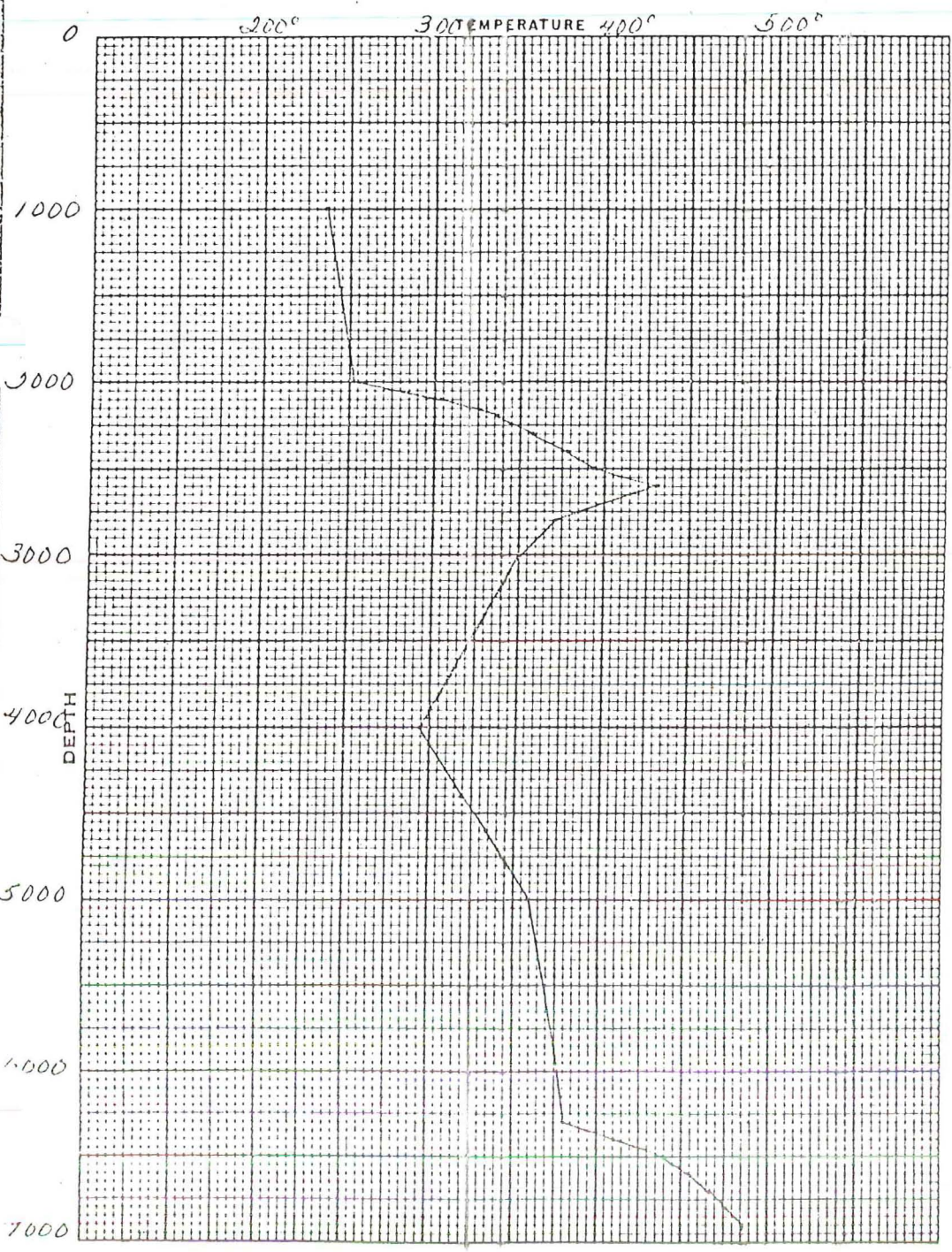
SUBSURFACE TEMPERATURE SURVEY

B5-59PT

76

OWNER Union Oil Co of California FIELD _____ WELL NAME Baca #5
 CASING _____ ELEV. 9320.66 DATE: May 29, 1973
 LINER DESCRIPTION: _____ ZERO POINT _____
 _____ DEPTH _____
 HOLE DESCRIPTION: _____ INSTRUMENT E1-616 FAH
 _____ SERIAL NO KT13-10005
 PURPOSE _____ MAX TEMP _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD



PRESSURES	GAUGE	BOMB
CASING, PSI		

DEPTH	TEMP.	DEPTH	TEMP.
1000	236.0		
2000	252.4		
2100	303.0		
2200	336.4		
2300	358.9		
2400	378.2		
2500	394.5		
2600	431.1		
2800	371.3		
3000	350.1		
4000	395.0		
4400	319.3		
4600	333.6		
5000	359.7		
5500	368.5		
6000	376.5		
6300	380.9		
6400	410.4		
6500	438.5		
6600	453.9		
6700	467.7		
6800	477.3		
6900	486.8		

BY:

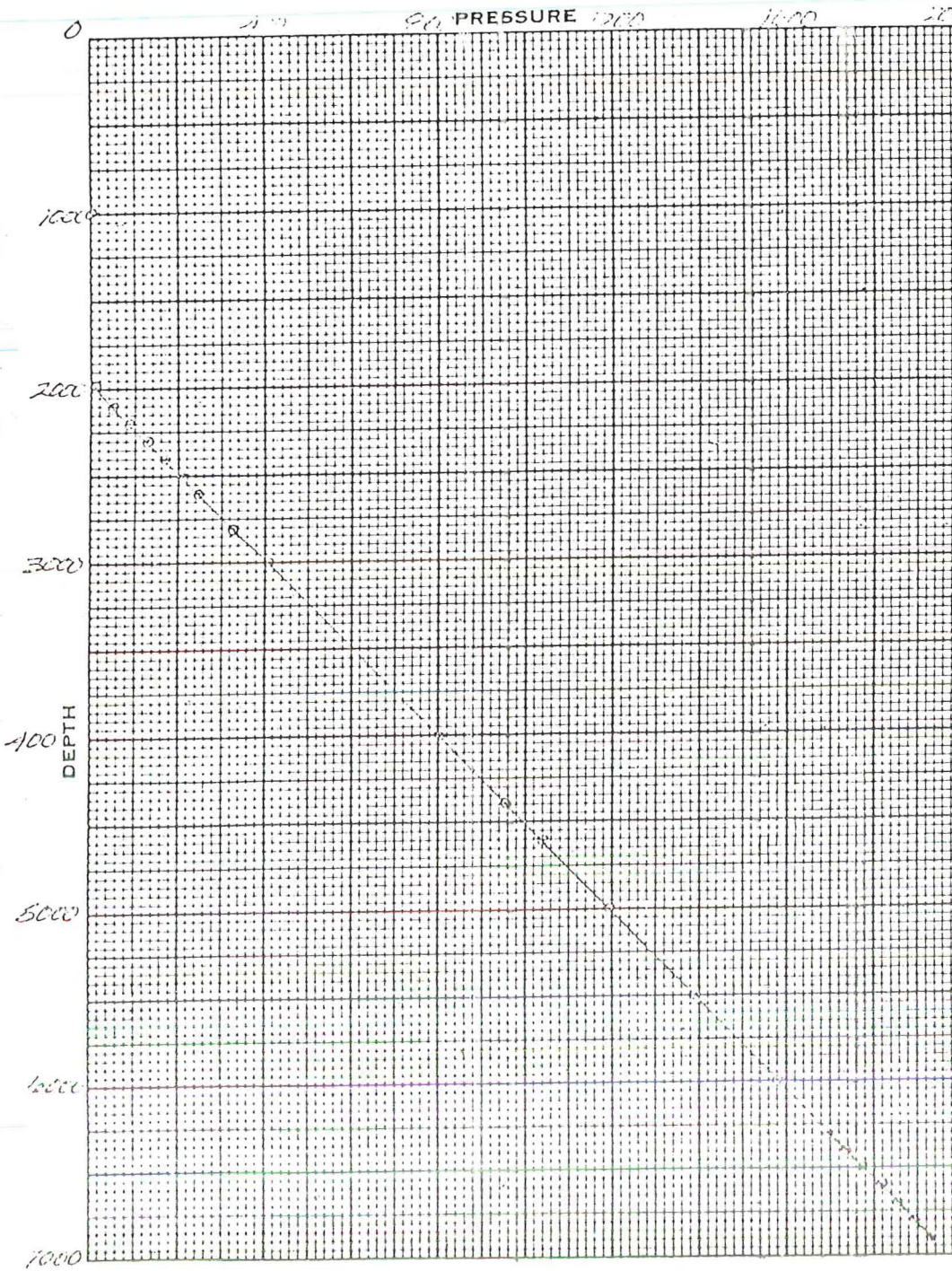
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GEO THERMAL DIVISION B5-59PT

SUBSURFACE PRESSURE SURVEY

OWNER Union Oil Co of Calif FIELD _____ WELL NAME BACN No. 5
 CASING _____ ELEV 9320 GL DATE MAY 29, 1973
 LINER DESCRIPTION _____ ZERO POINT _____ DEPTH 6900
 HOLE DESCRIPTION: _____ INSTRUMENT O-2400 P: _____
 SERIAL NO 6604N
 PURPOSE _____ MAX TEMP _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD _____



PRESSURES.	GAUGE	BOMB
CASING. PSI		
DEPTH	PRESSURE	GRADIENT
1000	2.15	0.502
2000	9.80	0.007
2100	51.43	0.416
2200	88.16	0.347
2300	129.80	0.416
2400	171.43	0.413
2500	209.39	0.354
2600	247.35	0.350
2800	328.35	0.408
3000	408.66	0.402
4000	801.19	0.393
4400	952.79	0.339
4800	1041.09	0.422
5000	1197.41	0.391
5500	1391.24	0.357
6000	1581.00	0.351
6300	1691.82	0.357
6400	1732.60	0.408
6500	1776.00	0.357
6600	1811.63	0.356
6700	1853.66	0.390
6800	1891.42	0.375
6900	1929.27	0.378

BY: T. H. H. H.

76

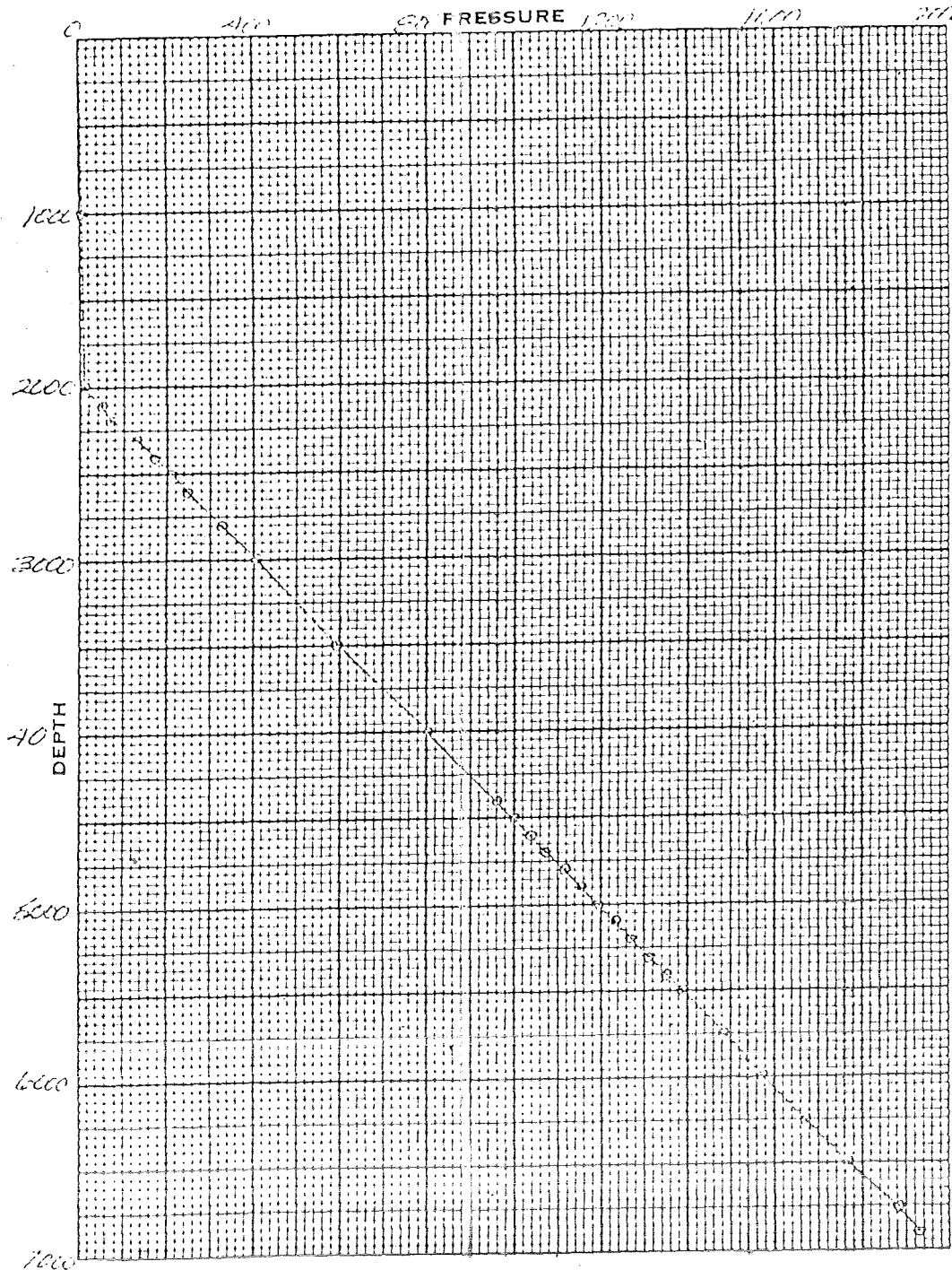
GEO THERMAL DIVISION

SUBSURFACE PRESSURE SURVEY

B5-58PT

OWNER Union Oil Co of Calif FIELD _____ WELL NAME BACA No. 5
 CASING _____ ELEV. 9320 ft DATE MAY 28, 1973
 LINER DESCRIPTION: _____ ZERO POINT _____ DEPTH _____
 HOLE DESCRIPTION: _____ INSTRUMENT 0-2400 PS
 SERIAL NO 6609N
 PURPOSE PRESSURE GRADIENT MAX TEMP _____ °F @ _____
 REMARKS: _____

DEPTH	PRESSURE	GRADIENT
1000	32.45	0.352
2000	56.20	0.351
3000	80.94	0.350
4000	105.68	0.349
5000	130.42	0.348
6000	155.16	0.347
7000	179.90	0.346
8000	204.64	0.345
9000	229.38	0.344
10000	254.12	0.343
11000	278.86	0.342
12000	303.60	0.341
13000	328.34	0.340
14000	353.08	0.339
15000	377.82	0.338
16000	402.56	0.337
17000	427.30	0.336
18000	452.04	0.335
19000	476.78	0.334
20000	501.52	0.333
21000	526.26	0.332
22000	551.00	0.331
23000	575.74	0.330
24000	600.48	0.329
25000	625.22	0.328
26000	649.96	0.327
27000	674.70	0.326
28000	699.44	0.325
29000	724.18	0.324
30000	748.92	0.323
31000	773.66	0.322
32000	798.40	0.321
33000	823.14	0.320
34000	847.88	0.319
35000	872.62	0.318
36000	897.36	0.317
37000	922.10	0.316
38000	946.84	0.315
39000	971.58	0.314
40000	996.32	0.313
41000	1021.06	0.312
42000	1045.80	0.311
43000	1070.54	0.310
44000	1095.28	0.309
45000	1120.02	0.308
46000	1144.76	0.307
47000	1169.50	0.306
48000	1194.24	0.305
49000	1218.98	0.304
50000	1243.72	0.303
51000	1268.46	0.302
52000	1293.20	0.301
53000	1317.94	0.300
54000	1342.68	0.299
55000	1367.42	0.298
56000	1392.16	0.297
57000	1416.90	0.296
58000	1441.64	0.295
59000	1466.38	0.294
60000	1491.12	0.293
61000	1515.86	0.292
62000	1540.60	0.291
63000	1565.34	0.290
64000	1590.08	0.289
65000	1614.82	0.288
66000	1639.56	0.287
67000	1664.30	0.286
68000	1689.04	0.285
69000	1713.78	0.284
70000	1738.52	0.283



BY: J. C. FELLER

UNION

GEOHERMAL DIVISION

B5-38PT

SUBSURFACE TEMPERATURE SURVEY

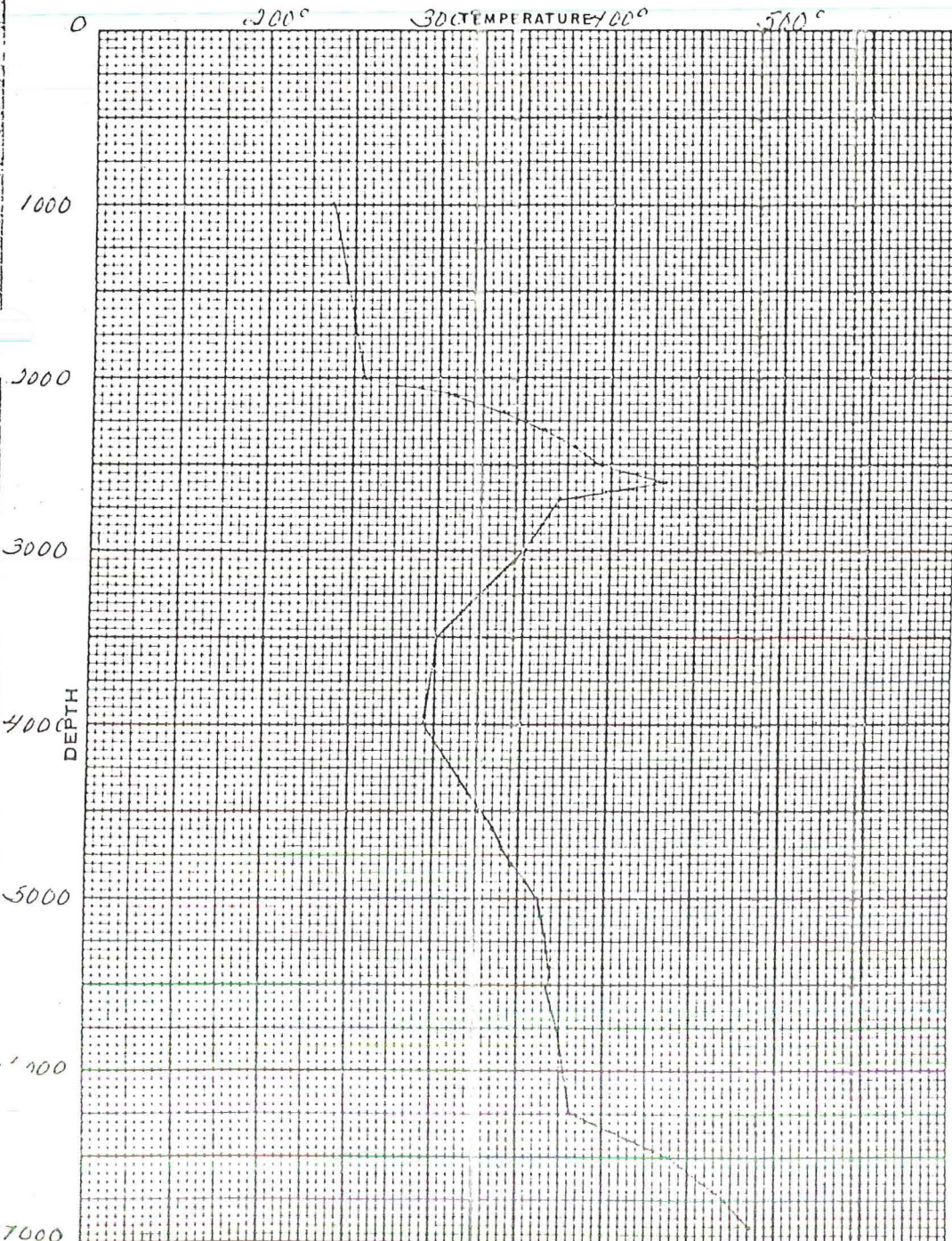
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OWNER _____ FIELD _____ WELL NAME Daca #5
 CASING _____ ELEV. 7320 CL DATE: NOV 28, 1973
 LINER DESCRIPTION: _____ ZERO POINT _____
 _____ DEPTH _____

HOLE DESCRIPTION: _____ INSTRUMENT 81-676 FAH.
 _____ SERIAL NO KTB-10003

PURPOSE _____ MAX TEMP _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD _____



PRESSURES.	GAUGE.	DOUB.
CASING. PSI		

DEPTH	TEMP.	DEPTH	TEMP.
1000	237.8		
2000	256.0		
2100	308.7		
2200	337.7		
2300	361.1		
2400	379.5		
2500	394.5		
2600	431.1		
2800	371.3		
3000	350.7		
3500	320.2		
4000	293.0		
4400	320.7		
4500	327.3		
4600	335.0		
4700	340.5		
4800	347.4		
4900	354.8		
5000	361.1		
5100	364.4		
5200	366.1		
5300	367.4		
5400	369.1		
5500	367.1		
5750	374.3		
6000	377.1		
6250	382.3		
6500	439.1		
6750	472.8		
6900	485.8		

BY: _____

UNION

GEO THERMAL DIVISION

B5-55P

SUBSURFACE PRESSURE SURVEY

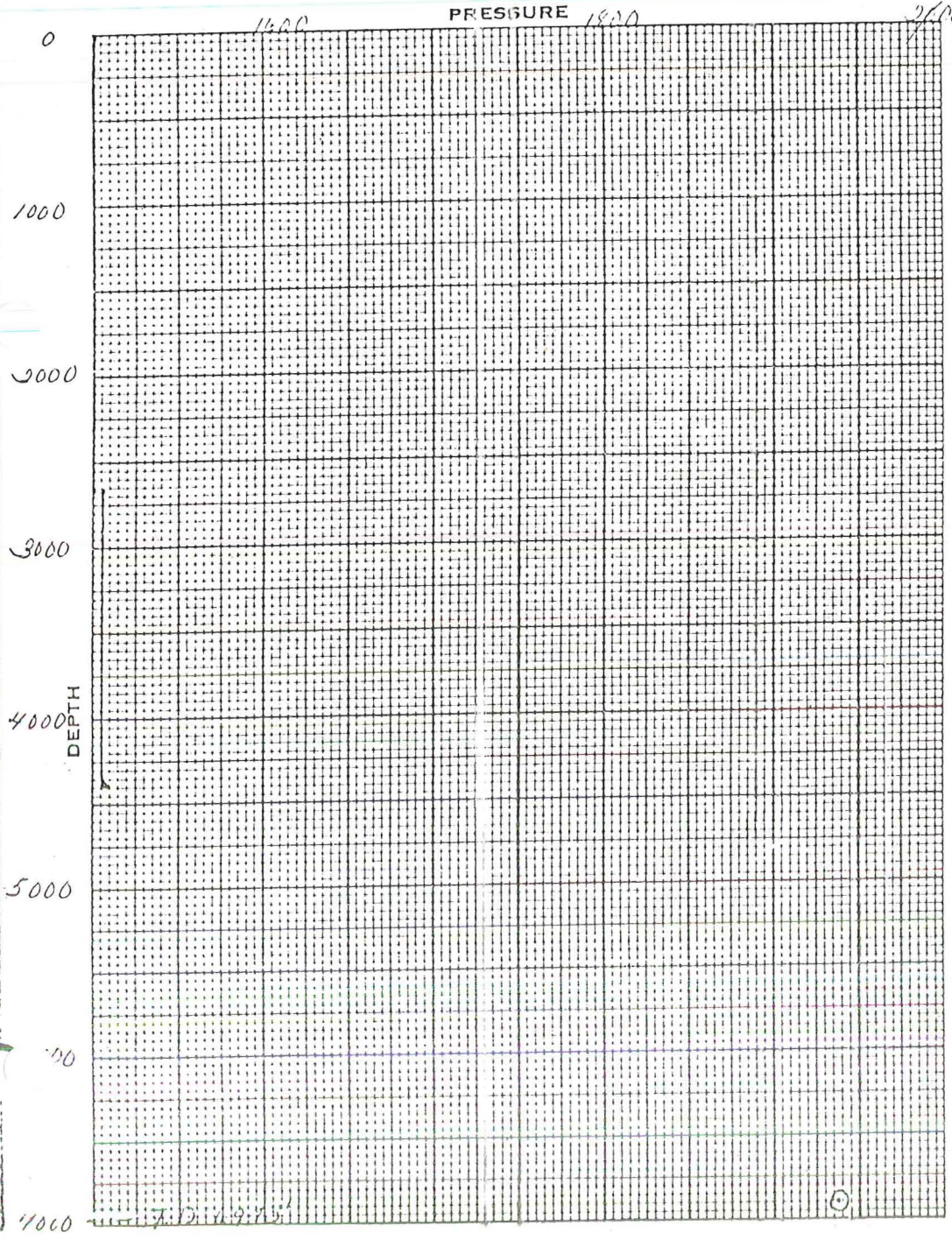
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OWNER Union Oil Co of Calif. FIELD Redondo Valley WELL NAME Baca #5
 CASING 9 5/8" line from 2692' to 4400' ELEV. 9320 Gk DATE 12-2-72
 LINER DESCRIPTION: _____ ZERO POINT _____
 _____ DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 2400 PSI
 _____ SERIAL NO 6604 N

PURPOSE Bottom Hole Pressure Survey MAX TEMP _____ °F @ _____

REMARKS: _____ STABILIZATION PERIOD _____



PRESURES.	GAUGE	BOMB
CASING. PSI		

DEPTH	PRESSURE	GRADIENT
6900	1938.26	

BY: _____

76

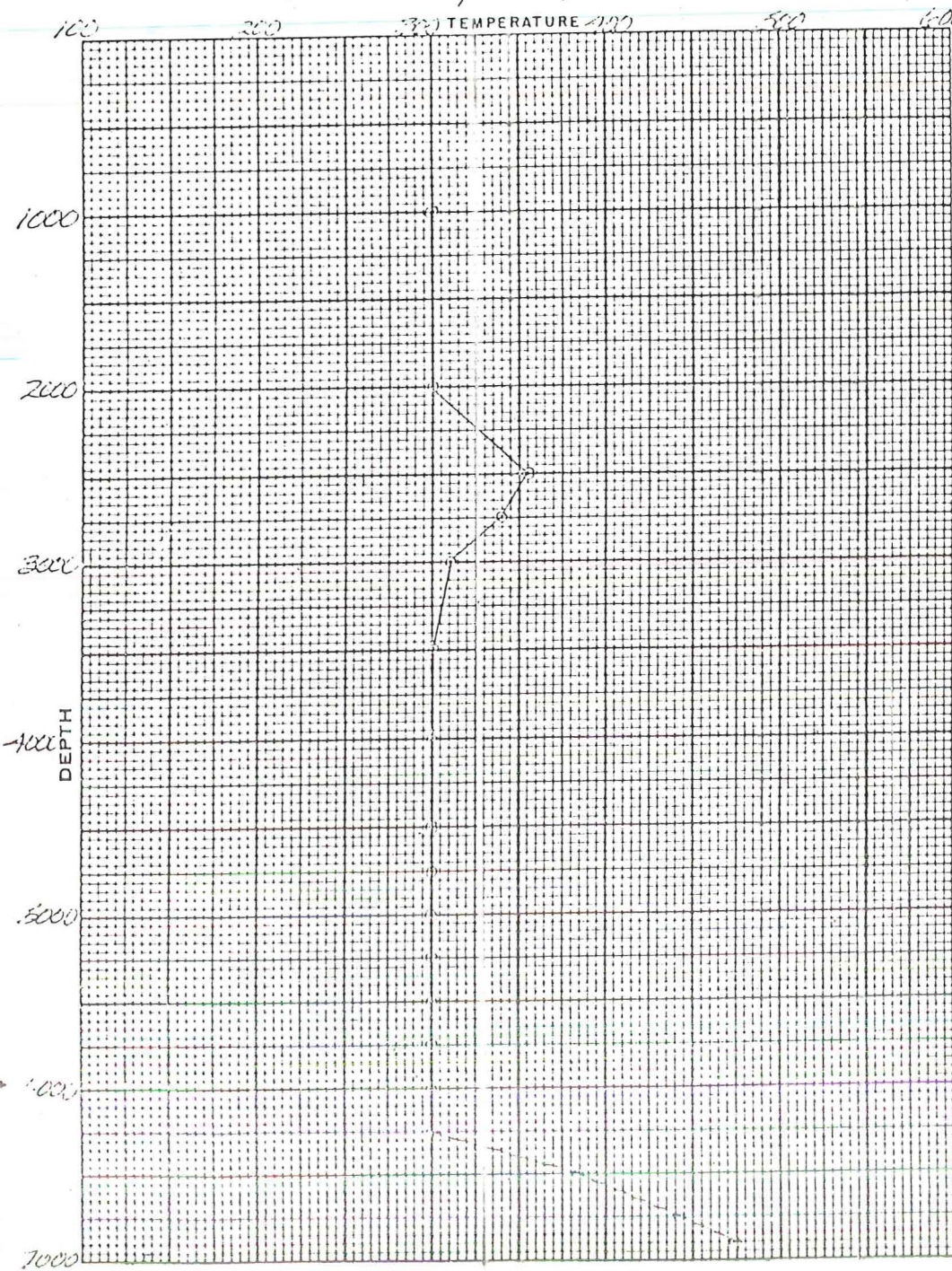
UNION
 GEOTHERMAL DIVISION B5-SIPT
 SUBSURFACE TEMPERATURE SURVEY

OWNER Union Oil Co of Calif FIELD _____ WELL NAME BACH No. 5
 CASING _____ ELEV 9320 CL DATE: 11-29-73
 LINER DESCRIPTION: _____ ZERO POINT GL + 4 ft
 DEPTH 6900 survey

HOLE DESCRIPTION: _____ INSTRUMENT 300-736 FAH
 SERIAL NO KTB-10236

PURPOSE Temp and Press Gradient Following INJ. MAX TEMP 474.6 °F @ 6900
 REMARKS: 16,965,000 gal injected 8-19-73/11-13-73

STABILIZATION PERIOD
SI INJ. 0600 11-13-73



PRESSURE	GAUGE	BOMB
CASING, PSI	0	

DEPTH	TEMP.	DEPTH	TEMP.
1000	300		
2000	300		
2500	355		
2750	339.8		
3000	310.4		
3500	300		
4000	300		
4500	300		
4750	320		
5000	300		
5250	300		
5500	300		
5750	300		
6000	300		
6250	300		
6500	359		
6750	441.2		
6900	474.6		

BY: J. Kubal

GEOHERMAL DIVISION

35-54P

SUBSURFACE PRESSURE SURVEY

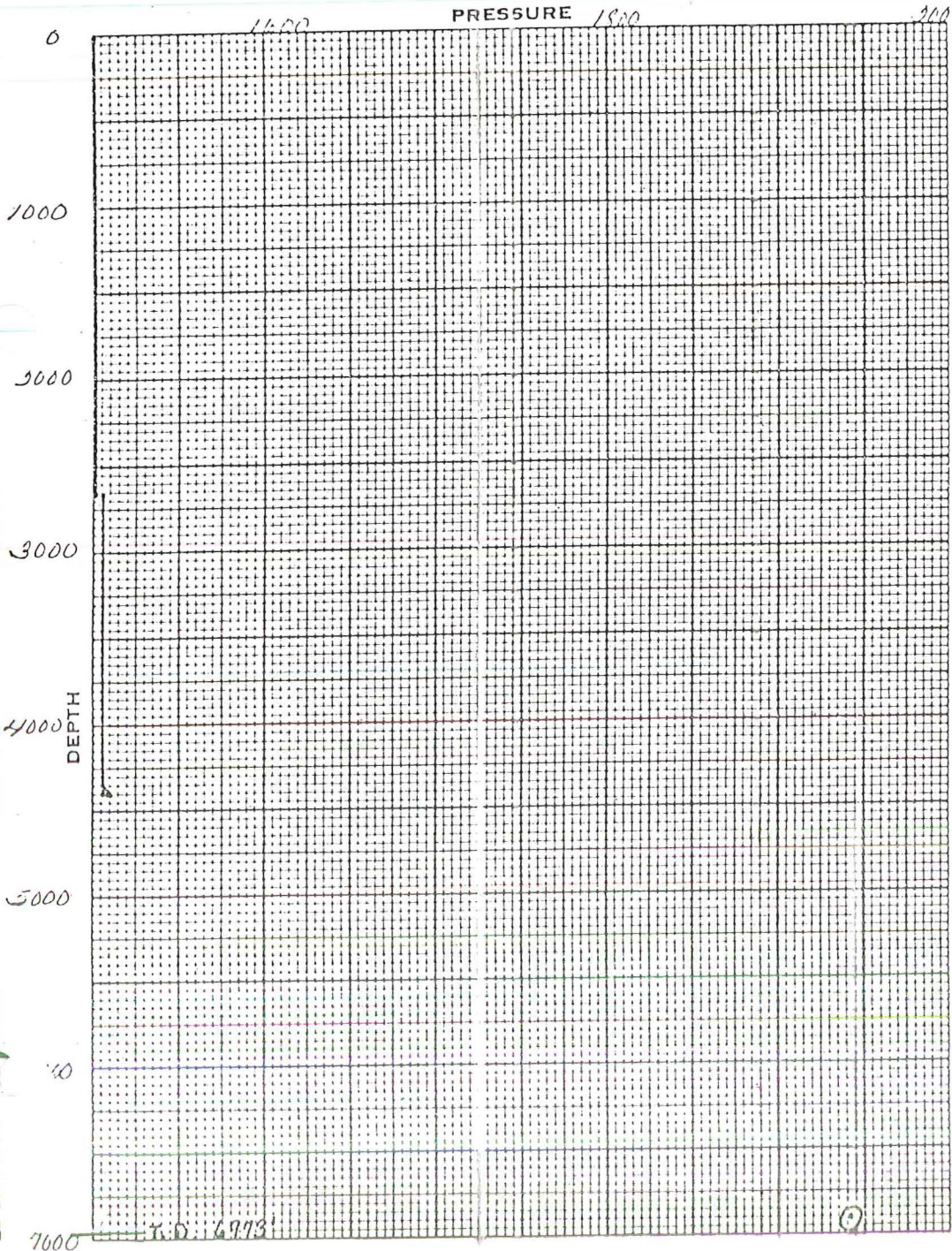
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OWNER Baco Land & Cattle Co. FIELD Redondo Valley WELL NAME Baca # 5
 CASING 95/8" liner from 2692' to 4400' ELEV 9330.61 DATE 10/29/72
 LINER DESCRIPTION: _____ ZERO POINT 14' above ground
 _____ DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 2400 PSI
 _____ SERIAL NO 6604 N

PURPOSE Bottom Hole Pressure Survey MAX TEMP _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD



PRESSURES	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESSURE	GRADIENT
6900	1941.89	

BY: _____

76

UNION
GEOHERMAL DIVISION

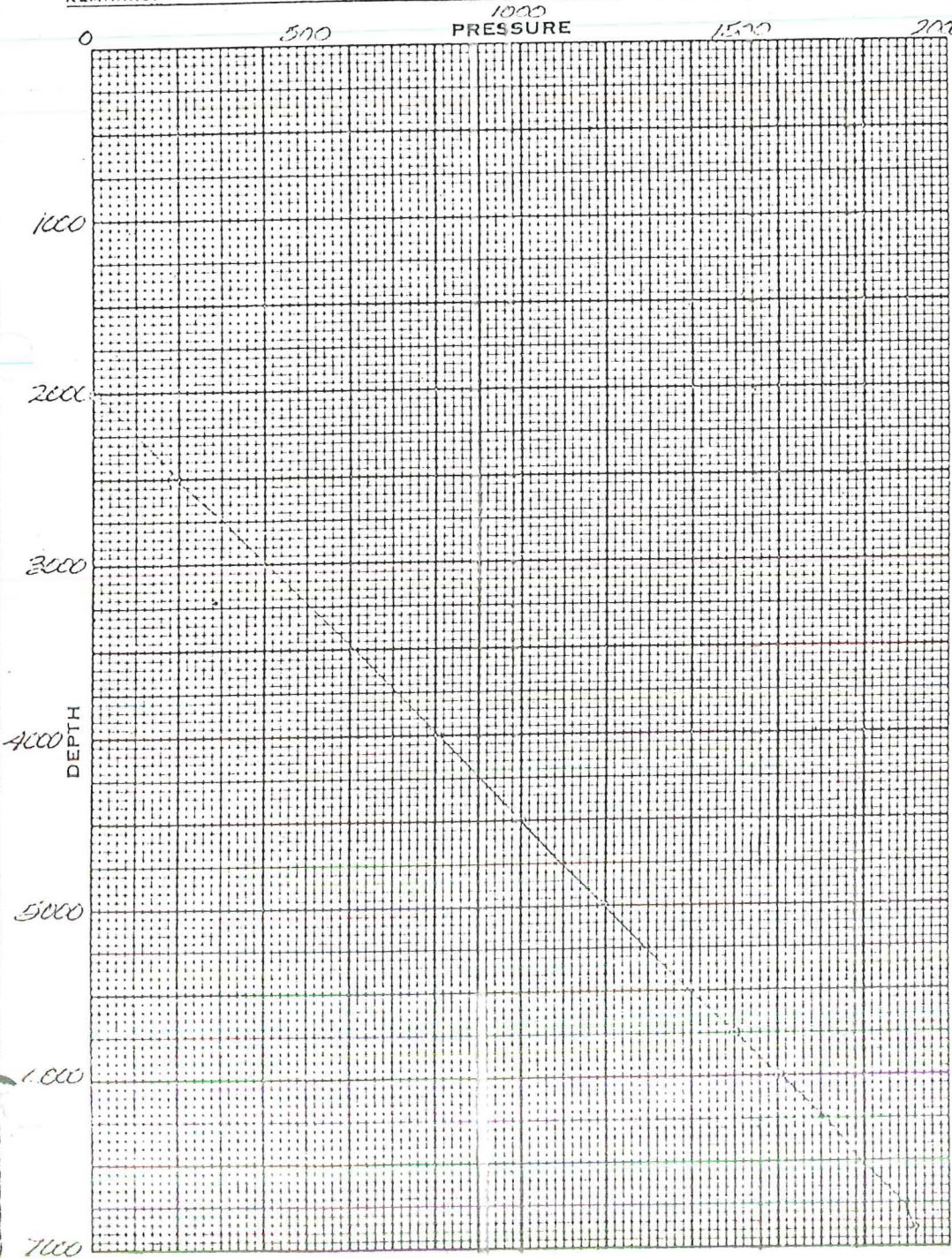
35-511PT

SUBSURFACE PRESSURE SURVEY

OWNER Union Oil Co of Cal. FIELD _____ WELL NAME BACH No. 5
 CASING _____ ELEV. 732061 DATE 11-29-73
 LINER DESCRIPTION: _____ ZERO POINT GH 4 ft.
 _____ DEPTH Survey 6900

HOLE DESCRIPTION: _____ INSTRUMENT 1250 PSI
 _____ SERIAL NO KP6-7198

PURPOSE Temp AND PRESS GRADIENT Flowing INJ. MAX TEMP 474.6 °F @ 6900
 REMARKS: _____ STABILIZATION PERIOD SI INJ. 0600 11-13-73



PRESSURES	GAUGE	BOMB
CASING, PSI	0	0

DEPTH	PRESSURE	GRADIENT
0	0	
1000	0	
2000	0	
2500	195.18	.390
2750	298.24	.412
3000	401.32	.412
3500	603.38	.404
4000	803.80	.401
4500	1000.00	.392
4750	1017.34	.389
5000	1194.92	.390
5250	1292.37	.392
5500	1396.95	.415
5750	1500	.413
6000	1605.93	.424
6250	1703.39	.392
6500	1794.49	.364
6750	1896.19	.407
6900	1913.14	.113

BY: J. Rubin

GEOHERMAL DIVISION

BS-53P

SUBSURFACE PRESSURE SURVEY

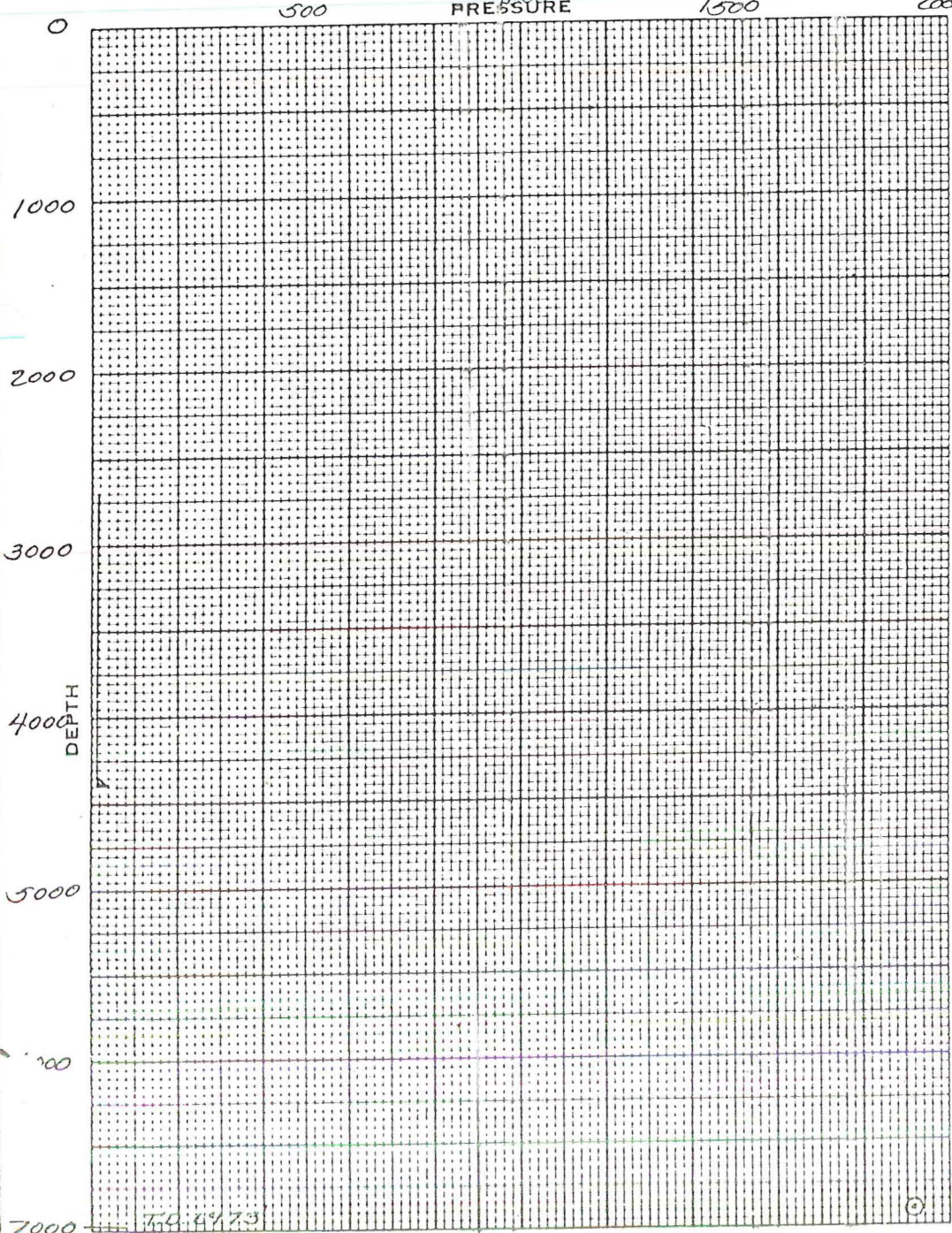
76

OWNER Baca Land & Cattle Co. FIELD Redondo Valley WELL NAME Baca #5
 CASING 9 7/8" Liner from 2692' to ELEV. 9330 GL DATE 10-14-72
 LINER DESCRIPTION: 4400' ZERO POINT 14' above ground DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 2400 PSI
 SERIAL NO 6604 N

PURPOSE Bottom Hole Pressure Survey MAX TEMP _____ °F @ _____

REMARKS: _____ STABILIZATION PERIOD _____



PRESSURES.	GAUGE	BOMB
CASING. PSI		

DEPTH	PRESSURE	GRADIENT
6900	1914.84	

BY: Carl Jenker

GEOHERMAL DIVISION

B5-52PT

SUBSURFACE PRESSURE SURVEY

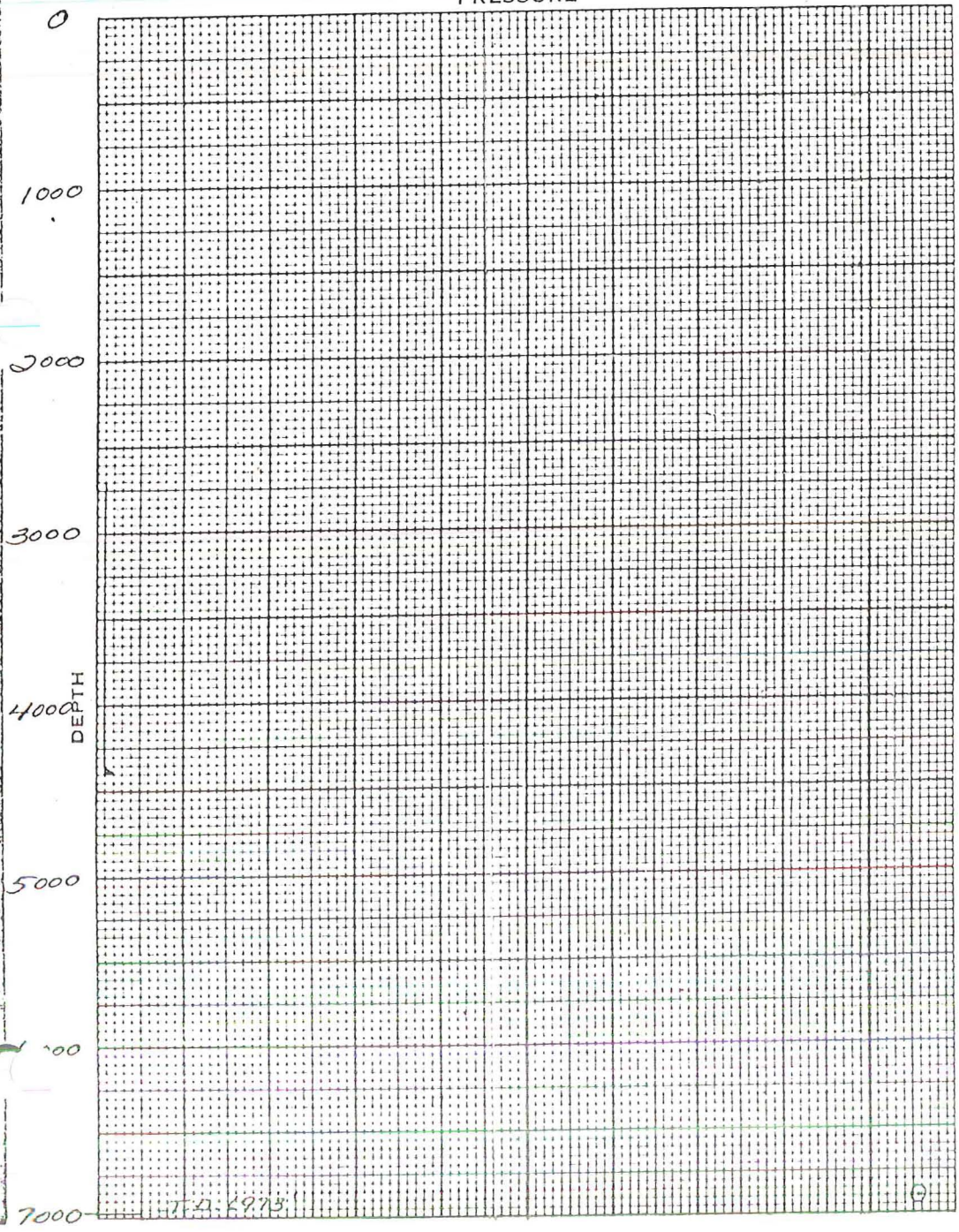
76

OWNER Baca Land & Cattle Co. FIELD Redondo Valley WELL NAME Baca #5
 CASING 9 5/8" Liner from 2692' to ELEV 9320 c.h. DATE 10-12-72
 LINER DESCRIPTION: 4400' ZERO POINT 14' above ground
 DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 2400 PSI
 SERIAL NO 6604N

PURPOSE Bottom Hole Press. & Temp. Survey MAX TEMP 483.9°F @ 6900'
 REMARKS: _____

1000 PRESSURE 2000 STABILIZATION PERIOD



PRESSURES	GAUGE	BOMB
CASING. PSI		

DEPTH	PRESSURE	GRADIENT
6900	1914.84	

BY: Carl Jenker

GEO THERMAL DIVISION
SUBSURFACE TEMPERATURE SURVEY

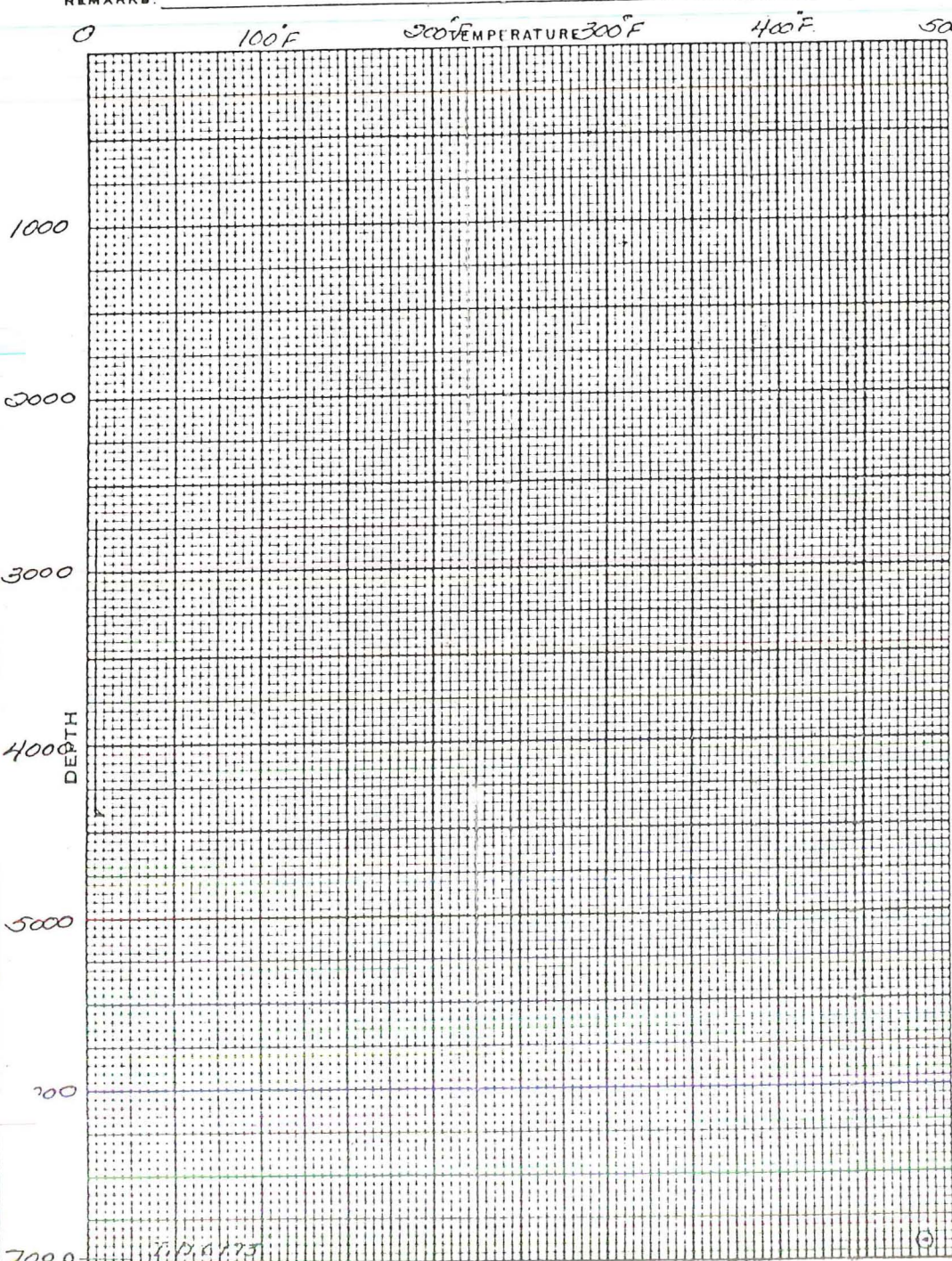
B5-52PT

76

OWNER Baca Land & Cattle Co. FIELD Redondo Valley WELL NAME Baca #5
CASING 9 5/8" liner from 2692' to 4400' ELEV 9330 ch DATE 10-12-72
LINER DESCRIPTION: _____ ZERO POINT 14' above ground
DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 84°-646° FAH
SERIAL NO KT-B 10005

PURPOSE Bottom Hole Press. & Temp. Survey MAX TEMP 483.9° F @ 6900'
REMARKS: _____



STABILIZATION PERIOD			
PRESSURES.	GAUGE	SOUND	
CASING. PSI			
DEPTH	TEMP.	DEPTH	TEMP.
6900	483.9		

BY: Carl Jankler

GEO THERMAL DIVISION
SUBSURFACE TEMPERATURE SURVEY

B5-31PT

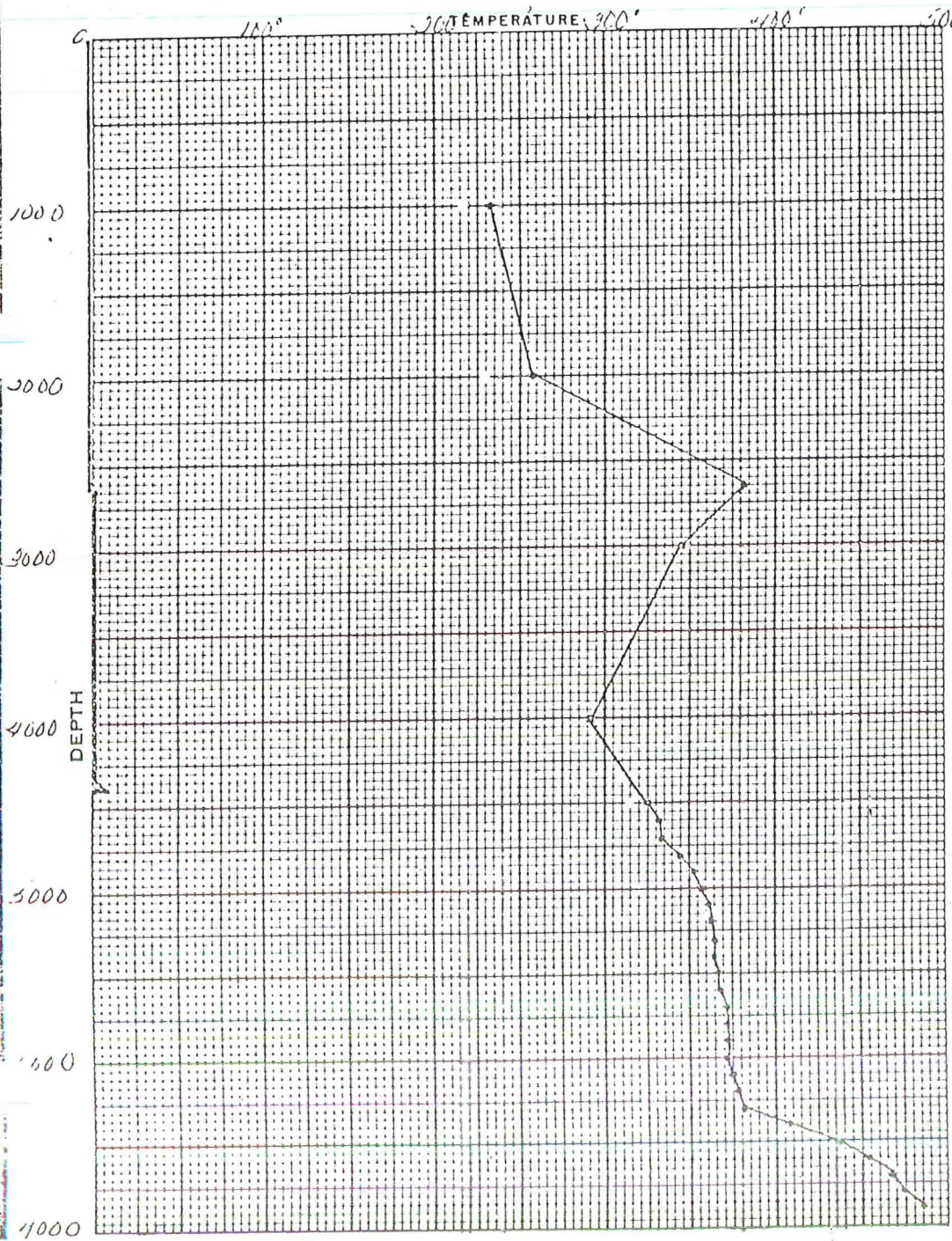
76

OWNER: Deer Land & Cattle Co FIELD: Reverde Valley WELL NAME: Boca #5
 CASING: 9 5/8" liner from 2692' to ELEV: 4320 ch DATE: 10-6-72
 LINER DESCRIPTION: 4400' ZERO POINT: _____ DEPTH: _____

HOLE DESCRIPTION: _____ INSTRUMENT: 84°F - 6.46°F FAH
 SERIAL NO: RTB-10005

PURPOSE: _____ MAX TEMP: _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD



PRESSURES.	GAUGE	BOLTS
CASING. PSI		

DEPTH	TEMP.	DEPTH	TEMP.
1000	237.5		
2000	259.3		
2692	352.6		
3000	345.7		
4000	290.7		
4400	318.7		
4500	325.6		
4600	331.9		
4700	338.3		
4800	345.4		
4900	352.3		
5000	355.9		
5100	361.1		
5200	363.3		
5300	365.5		
5400	365.8		
5500	367.2		
5600	368.6		
5700	371.0		
5800	372.1		
5900	373.2		
6000	374.3		
6100	375.7		
6200	377.6		
6300	381.5		
6400	411.9		
6500	431.3		
6600	454.2		
6700	466.1		
6800	475.7		
6900	485.0		

BY: _____

76

GEO THERMAL DIVISION

BS-31PT

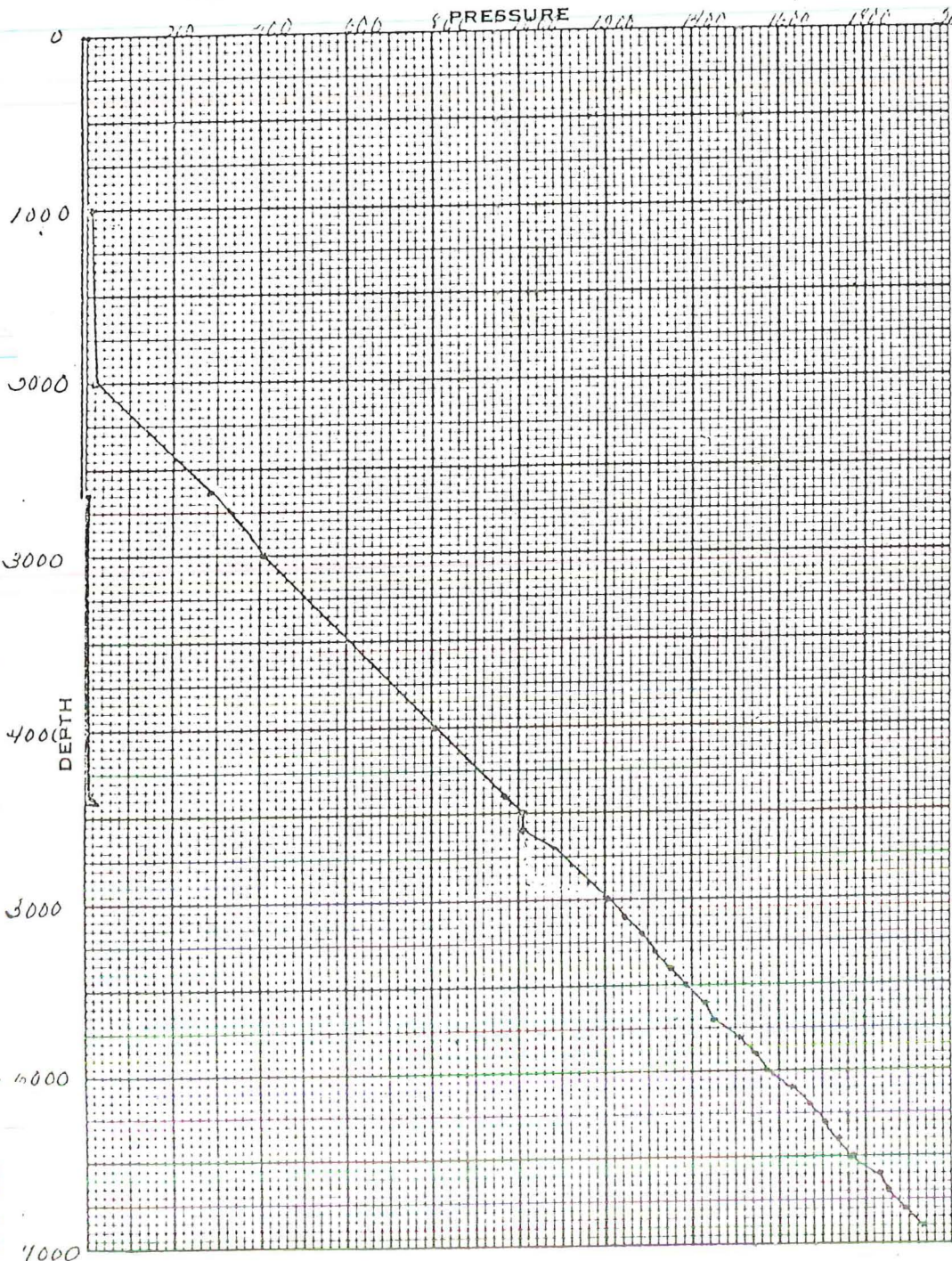
SUBSURFACE PRESSURE SURVEY

OWNER Baca Land & Cattle Co FIELD Redondo Valley WELL NAME Baca # 5
 CASING 7 5/8" liner from 2692' to 1460' ELEV. 9.320 GA DATE 10-6-72
 LINER DESCRIPTION: _____ ZERO POINT _____
 _____ DEPTH _____

HOLE DESCRIPTION: _____ INSTRUMENT 2050 PS
 _____ SERIAL NO 6604 N

PURPOSE _____ MAX TEMP _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD _____



PRESSURES,	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESSURE	GRADIENT
1000	1.2	
2000	6.0	
2692	251.77	
3000	401.65	
4000	806.22	
4400	966.51	
4500	1064.52	
4600	1064.55	
4760	1054.34	
4800	1124.10	
4900	1161.45	
5000	1203.41	
5100	1246.96	
5200	1280.72	
5300	1319.25	
5400	1357.53	
5500	1396.84	
5600	1437.35	
5760	1473.19	
5800	1510.90	
5900	1550.55	
6000	1589.59	
6100	1628.33	
6200	1664.45	
6300	1705.51	
6400	1740.92	
6500	1784.30	
6600	1819.61	
6700	1859.56	
6800	1899.55	
6900	1934.62	

BY: _____